

Converting Colors

XYZ(57.4779, 63.2081, 66.5593)

Have a look what the booklet for
XYZ(57.4779, 63.2081, 66.5593)
contains.

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Color

**XYZ(57.4685, 63.3169,
66.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D4CC
RGB	197, 212, 204
RGB Percent	77%, 83%, 80%
CMY	0.2274, 0.1686, 0.2000
CMYK	0.07, 0.00, 0.04, 0.17
HSL	148°, 15%, 80%
HSV	148°, 7%, 83%
XYZ	57.4685, 63.3169, 66.3192
YIQ	206.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

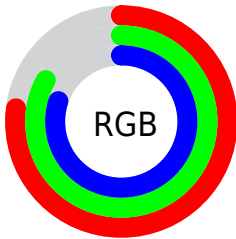
Format	Color
RYB	197, 207, 212
Decimal	12965068
CIELab	83.61, -6.55, 2.21
CIElCh	84, 6.911, 161.389
Yxy	63.3169, 0.3071, 0.3384
Android (android.graphics.Color)	4291155148 (0xFFC5D4CC)
YUV	206.6030, -1.2833, -8.4218
Hunter-Lab	79.5719, -10.3344, 6.2851

Details

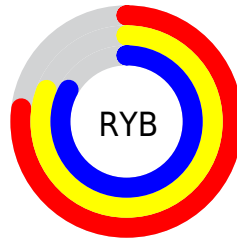
The XYZ color **57.4685, 63.3169, 66.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1394, 58.3389, 65.9569**, and the grayscale version is **59.0652, 62.1412, 67.6718**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.8897, 32.1556, 33.5382** is the 20% darker color. If you saturate the color by 10%, you get **50.9956, 60.1328, 59.1915**, and if you desaturate by 10%, it is **64.8242, 66.9482, 74.0051**.

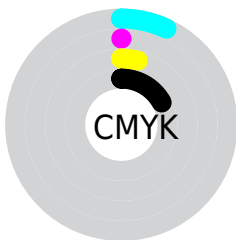
Distribution



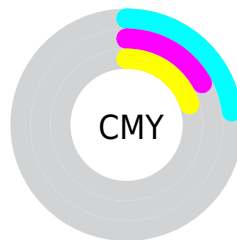
- Red (77%)
- Green (83%)
- Blue (80%)



- Red (77%)
- Yellow (81%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4685, 63.3169, 66.3192 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.4685, 63.3169, 66.3192 by changing the saturation by 10% instead.

■ 57.4685, 63.3169,
66.3192

■ 57.4685, 63.3169,
66.3192

405.1884,
436.7187, 465.9529

■ 41.6231, 46.0976,
48.0735

100.2759,
109.6266, 115.5757

■ 28.9961, 32.3229,
33.5247

127.9686,
139.4858, 147.4236

■ 19.2221, 21.6082,
22.2543

160.3411,
174.3270, 184.6425

■ 11.9359, 13.5693,
13.8437

197.7588,
214.5348, 227.6511

■ 6.7719, 7.8217,
7.8746

240.5870,
260.4935, 276.8679

■ 3.3649, 3.9811,
3.9282

289.1911,

■ 1.3495, 1.6630,

312.5874, 332.7115

1.5860

343.9365,
371.2010, 395.6003

■ 0.2198, 0.3995,
0.2808

■ 0.0000, 0.0000,
0.0000

■ 57.4685, 63.3169,
66.3192

■ 57.4685, 63.3169,
66.3192

■ 50.9956, 60.1328,
59.1915

■ 64.8242, 66.9482,
74.0051

■ 45.3656, 57.3704,
52.6052

■ 73.0900, 71.0353,
82.2570

■ 40.5436, 55.0136,
46.5490

■ 80.2068, 74.5182,
90.9900

■ 36.4899, 53.0423,
41.0092

■ 81.9207, 75.2038,
100.0151

■ 33.1613, 51.4344,
35.9720

■ 82.8347, 75.5694,
104.8282

■ 30.5104, 50.1658,
31.4224

■ 28.4834, 49.2089,
27.3450

■ 27.0178, 48.5321,
23.7231

■ 26.0315, 48.0931,
20.5386

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2798, 63.3169, 62.8839



57.4685, 63.3169, 66.3192



57.3767, 63.3169, 70.5980

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.4685, 63.3169, 66.3192



60.7565, 63.3169, 77.4263



62.3875, 63.3169, 63.5837

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.4685, 63.3169, 66.3192



58.1394, 58.3389, 65.9569

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.0749, 63.3169, 67.3108



57.4685, 63.3169, 66.3192



62.1227, 63.3169, 75.3758

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.4685, 63.3169, 66.3192



59.2581, 63.3169, 77.1335



62.9772, 63.3169, 71.6317



61.1130, 63.3169, 61.3507

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.4685, 63.3169, 66.3192



57.7340, 63.3169, 73.3678



62.9772, 63.3169, 71.6317



62.6958, 63.3169, 64.6966

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.4703, 63.3196, 66.3206



92.7635, 98.8715, 106.5228



58.8697, 64.1359, 62.1009



19.8792, 21.1744, 22.8253



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4703, 63.3196, 66.3206



86.2361, 95.6530, 99.5996



58.3608, 63.6758, 71.0103



12.5011, 13.9914, 14.4533



15.9720, 29.6441, 12.4140



1.0049, 1.8046, 0.9678

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.1394, 58.3389, 65.9569



87.3891, 87.0699, 98.9728



57.2837, 57.9967, 61.4513



12.6974, 12.5304, 14.3466



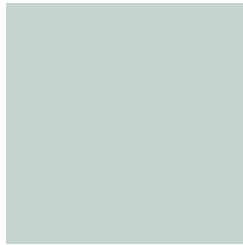
18.6562, 9.3988, 10.7594



1.1669, 0.5836, 0.8683

Previews

White Background



This preview shows how the XYZ color 57.4685, 63.3169, 66.3192 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.4685, 63.3169, 66.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

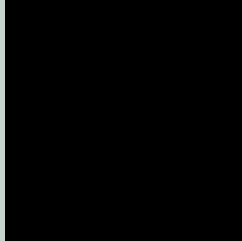
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

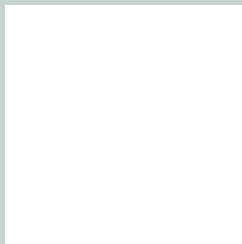
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4685, 63.3169, 66.3192

Background



This preview shows how black text looks on a background with the XYZ color 57.4685, 63.3169, 66.3192.

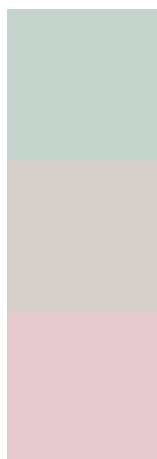


This preview shows how white text looks on a background with the XYZ color 57.4685, 63.3169,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.4685, 63.3169, 66.3192

Protanopia

60.2960, 62.9888, 64.2385

Deuteranopia

64.3403, 62.8875, 67.1399



Tritanopia

60.2105, 63.3165, 80.2820

Trichromacy



Original Color

57.4685, 63.3169, 66.3192

Protanomaly

59.1933, 63.1306, 64.9427

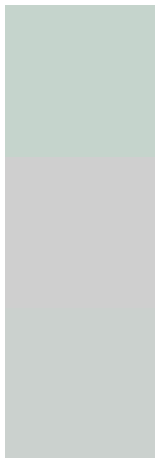
Deuteranomaly

61.4660, 62.8221, 66.6439

Tritanomaly

59.1242, 63.2451, 74.7370

Monochromacy



Original Color

57.4685, 63.3169, 66.3192

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5696, 62.7537, 67.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4685, 63.3169, 66.3192 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.4685, 63.3169, 66.3192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 212, 204) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 212, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4685, 63.3169, 66.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
212, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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